On pulmonary Consumption.

A in treating upon Lettie fever might be useful. — ~~A Gentleman who has used informed me that a Gerach in~~ I hinted at the use of strong emetics for the purpose of abstracting this insulated fever from the ~~bowels~~ blood vessels to the stomach & bowels. A gentleman who now lives we informed me that a Gerach in Virginia has used them for this purpose with success in the pulmonary Consumption. —

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III

p: 42.

III In the typhus state of pulm. Consump.n the Remedies should be stimulants. These should be medicines - Diet & Drinks. of the medicines Opium shd. be preferred to all others. An accident suggested the efficacy of this medicine to me in this disease. I once directed one of my pupils to put up two opium pills for a patient apparently in the last stage of typhus state pulm. consumption. He mistook the prescription & gave him two opium pills of 2 grains each. He ~~slept till 12 O'Clock~~ took them at bedtime & slept till 12 O'Clock next day. He awoke invigorated & without muscle cough or any pain. He begged for a repetition of his medicine, to which I cheerfully

consented. By the use of it in large doses at night & smaller doses during the day, he was ~~perfectly~~ cured, & lived 15 years afterwards. I have used the same medicine alone in another case with equal success. The safety & advantage of this remedy is suggested not only by all that was said formerly in favor of ~~using~~ preventing the expenditure of sensorial power by locking up the muscles & senses, but by the total suspension of cough & all other palmic symptoms by madness. I have seen several instances of it, & had it occurred earlier it would probably have in every ~~in~~ instance ~~have~~ cured the disease. Why should not Art imitate & improve upon Nature in translating

Various other stimulating & tonic medicines have been given in this state of consumption with success. A mixture of Myrrh ℥i Sal. tartar ℥ss Spirit of any kind ℥ij intimately rubbed together, mint [or Alex] water ℥viss Sal mint q^n ℥ss ℥ij ~~cups of water~~ mixt of which is to be taken 3 times a day has been strongly recommended by Dr Mos: Griffith. Dr Crosby commends in high terms a solution of Alum and white vitriol as a tonic in this public state of the disease. Three eggs put into a pint of Vinegar till their shells are dissolved, then intimately beaten together w: the loaf sugar, and taken a glass full at a time, three times a day forms both a powerful cordial and a useful aliment in the typhus state of Consumption. To these remedies

this disease
~~it~~ to the brain, & especially by so
safe a medicine as Opium? Fre-
peat again, we are too tender of the
brain in the translations of disease.
~~Drunk~~ Drunkards ~~if attacked~~ to teach
us by this weekly or daily attacks
of voluntary coma how much is
capable of bearing without perma-
=nent injury. ——
~~I have given~~ = Barth has been added
~~in Philosophus~~
~~state of fever~~ as a topic, but I cannot say much
in its favor. It has done good in the form
of Thxham's tincture. The remedy
here perhaps is the Spirit with which
this tincture is made. I have found
~~The Diet should be of the most cordial~~
~~kind~~ much benefit from the use of
garlic and Sar. three cloves of the

smoking or chewing
Even Tobacco may be indulged in
in this state of Incipient Consumption,
provided the saliva be swallowed. Dr
Bijoet relates the case of a certain
essayy Wood who was consumptive
from 15 years of age who was kept
alive till she was 96 by chewing to=
=bacco & swallowing her saliva. —

A diet of sweet grapes has cured this
disease according to Dr Swoyer. I have succeeded
in one case by prescribing this remedy.
Ships Ustick. Large draughts of the juice of
the sugar maple, and a diet of sweet apples
have likewise cured it. Dr Barnard says he
once knew a broken winded horse cured by
being turned into an orchard, and feeding
wholly upon apples. All these articles of
diet cured ~~[illegible]~~ by filling the blood vessels &
thus acted like the critical diet I have recommended.

former first bruised should be taken
or a wine glass ~~of an infusion~~ of a pint of pepper
daily. The ~~Tea~~ tea may be taken in
a cup of tea poured upon 2 or 3 whole bruised cloves.
pills 10 grains three times a day, or
in molasses, or
in a tincture, or in water.

The Diet should be of the most cordial
kind. Animal food cooked in the most
savoury way should be taken four or
five times a day. It acts by filling the
blood vessels, and thus adding the natural
& healthy stimulus of blood to our other
remedies. Milk may be taken if agreeable for
the same purpose.
The Drinks should be wine-cordial
spirits in the form of grog or toddy —
with punch — and porter according to
the habits & inclinations of your patients.

~~To~~ To be effectual ~~these~~ all the
medicines, Diet & Drinks should be com=
=bined. By means of them I have
made several cures. Fifty ~~three~~ ~~three~~ of them

Mercury was given in each of these cases, but it gently touched the mouth, and was of little use. But in the typhous state of this disease ~~it the~~ Mercury can-seldom be made to affect the mouth, ~~and~~ where it does not I think it does harm by increasing debility.

— Parker 46 Stewart & Crawford ~~[illegible]~~
Viz: Eliz^th Davis ~~the~~ & Jno Messengers ~~[illegible]~~
~~[illegible]~~ in the Penn^a Hospital. ~~[illegible]~~
~~of the~~ I cured an Englishman of the lowest state of the disease
in the ~~last~~ Summer of 1808 by ~~to~~ giving him
a bottle or two of porter daily with the
opium, and liquor
cordial diet ~~[illegible]~~ that ~~[illegible]~~ been men-
-tioned; ~~of the lowest state of this disease and~~ ~~[illegible]~~
~~[illegible]~~ In the use of these remedies, take
care not to give them prematurely, that
is never, before the pulse is reduced to
the typhus state. You may always
know when they are proper by their
rendering the pulse fuller & slower agre-
-ably to the rule delivered in our
Therapeutics.

We now & then hear of patients
recovering from Consumptions after
they have dismissed their physicians &
left off taking medicines. ~~[illegible]~~

~~of this is probably, they are in that~~

~~the~~ In this state of despair they fly to their former & healthy habits of living and are thus cured. It is probable they owe their recovery wholly to their not ~~using~~ retreating to cordial diet & drinks until this disease had descended to the lowest grade of the typhous state.

With the stimulating Remedies should be used Frictions. They have been useful in many cases. They act by exciting the Skin, and thus lessen the morbid excitement of the lungs. Recollect what was said formerly of the inverse Sympathy between the lungs & the Skin. By exciting the one we reduce the excitement of the other. It is by exciting the Skin by Warmth, that we lessen a Cough, and it is by the debility induced upon the Skin by

Champoing perhaps would be more useful than frictions in this state of pulm^y Consumption.

exposing it to the Cold, that a Cough is increased. The frictions should be used to every part of the body, but chiefly to the legs and Arms. Mr. White says the Consumption is cured in horses by frictions to their legs. Goulard liniment and the Vapor of the stimulating Gums will render the frictions more powerful if applied to the flesh brush or the flannel used for that purpose. The reason given for the efficacy of frictions in this state of Consumption shows the great importance of warm Bathing as a remedy for it. It should always be one or two degrees greater than is common, or even agreeable to the patient.

V them, or in but one of them, taking care to mention the precise state or state in which they should be employed.

H particularly the necessity of its being different from, or opposed to the former habits of exercise ~~of~~ or labor of our patients. To be effectual it should be <u>constant</u>. Persons in the evening of life require more exercise to cure them than young persons according to Dr Sydenham, & for an obvious reason. Riding on horseback ought be preferred to all other modes of exercise. Next — in a carriage. — That

I shall now make a few remarks upon ~~potentially~~ certain Remedies that are proper in all the States of Consumption, or in part of V

I Exercise when practicable is a most powerful remedy in ~~this state of~~ the disease under consideration. It should be passive in its inflam.y & irritable state, ~~of~~ but ~~active~~ ~~to~~ active & active in the typhus state ~~[illegible]~~ according to the strength of the patient from the rocking cradle, - or Chamber horse, - or swing, up to riding on horseback. Recollect the rules for using this remedy delivered in our Therapeuticks. VI — It is common & highly proper to forbid travelling to the Sea shore in the inflam.y & hectic states of this disease. were patients able to be removed to the sea shore in the typhus

kind of exercise is most useful in ch. w.
the Arms are employed as suspending
the body by them, - rowing, playing shuttle
cock, and jumping the rope. - The exercise
of the lower limbs is calculated to abstract ex-
-citement from the breast. A journey on foot
has been useful in it. I believe it would do more
good in many cases, than any other mode of exercise.
powerful than exercise when pt. a tients
can submit to it. The hardships of a
camp, a naval, and an agricultural
life when increased ~~ass~~ from necessity have
all cured consumption. They may all be
considered as different forms of labor.

state it is probable ~~the~~ Sea Air would be less hurtful. The lungs & System more require stimulants, & the Sea Air belongs to this class of medicines. — With exercise the benefits of labor ought not be forgotten. It is more a

2 Change of Climate. This should be neither to a hot, nor a cold one, but to a climate where the temperature is uniform, and where the glass seldom descends below 60°. Portugal & Barbadoes have generally been preferred for this purpose. — This uniformity of weather may be obtained in the United States by flying from the winters of the Northern & Middle States, & the Summers of the Southern States. The Springs of ~~the~~ ~~South~~ Georgia - South & North Carolina, the Summers of Massachusetts or Vermont, & the Autumns of Pennsylvania ~~Ohio~~

V ~~As Dr Hamilton has lately~~ I mentioned formerly that ~~Consumptions~~ catarrhs were uncommon in the Damp Atmosphere of Holland. Dr Harrison says ~~they~~ consumptives are hardly known in the fens and marshes of Lincolnshire in England, & that they are relieved by persons coming into that ~~moist Atmos~~ unwholsome atmosphere provided they get a bilious remitting fever. The very ~~Auto~~ ~~Ingenuous~~ & ~~new~~ vitiations of the blood Action in the blood expels ~~cures the~~ bilious ~~the & drives~~ the lungs by diverting the blood morbid action from them to the least bowels. I do not advise you to ~~send~~ infect consumptive patients ~~to~~ with a bilious fever, but the fact may lead to something new in the treatment of this disease. Recollect the case of

~~the best~~ will be excellent substitutes for the uniform Climates of Portugal or Barbadoes. The benefit of travelling will ~~then~~ be added to the benefit of a change of Climate. But where ~~the~~ ~~the~~ either a change of Climate, nor travelling are attainable Hybernation should be substituted in their room. I have once cured a patient by this remedy, & several times protracted life by it. The heat of the stove room in which our patient is confined should be regulated by the state or grade of his disease. He should not leave his room during the ~~[illegible]~~ contiguity of cold weather, or if he do, it should be only into a bed room heated by a stove.

~~I shall now make a few remarks upon several Remedies which have been used in all the stages of this disease.~~

p 21 ; on Spines.

~~pulsa~~ Hæmoptysis in the infirm^y of Edin^r
caused by a general fever, or a diffusion
of great pulmonary action thro' the whole
Aortic System. Let it not be supposed what I said
formerly ~~that~~ ~~intermittents, do~~ that countries which produce
Intermittents, dispose to Consumptions.
This ~~I know~~ may be true, ~~& yet~~ from
the fulness of this action upon the
blood vessels not being sufficient to ab=
=strait or diffuse the pulm^y action, but
this is not the case in a bilious Remitting fever,
the action here is more powerful &
more constant. I have more than
once seen Consump^n suspended by it,
without attending to the cause of it.

Delivered Feb: 4. 1811.

~~H) Lacertus commonly than in the Arm
pits, and wipes to the Shoulders. He
advises Caustics instead of issues. I have
found a perp: blister to the left arm to be
more useful & less offensive than issues.~~

Thus far gentlemen have I reasoned from a single fact mentioned by Dr Harrison. but since I delivered that fact, ~~Thousands of Instances of bilious fevers in preventing and curing consumption, and of Insanes Drinkers in curing~~ I have seen a private letter from ~~those~~ a patient of Dr Saunders ~~of~~ London who was cured of a pulmonary consumption by residing a few months at Ostend a place remarkable for being surrounded with low marshy grounds. The mentions another case equally ~~Alarming~~ advanced & dangerous with his own cured by the same remedy. The remedy tho' a new one, accords with all others, for they produce their effects

51.3 21.5.

by exciting new, and opposite Actions in the Solids, and determinations in the fluids of the body. ——— It seems the action of the miasmata not only cures Consumptions but prevents them, for the Writer of the letter I have mentioned, says, they are not known at Ostend. (above to p 51)

Dr Drake in his ingenious natural history of the settlement at ~~the~~ Cincinnati tells us that not more than $\frac{1}{10}$ of the Deaths in that place are from Consumption. ~~very cold~~ He tells us at the same time, that bilious fevers prevail there. May not the miasmata which produce these fevers ~~lessen~~ be the cause of the small number of Deaths from pulmonary Consumption?

3 A milk diet. much good, and much harm have been done by this remedy in pulmonary Consumption. In the hypercha Hypercharula State of this disease it should be strictly forbidden from its conveying too much nourishment into the body. In the typhus state of Consumption it should be recommended in Order to fill the blood vessels, and thereby to assist cordial diet & remedies in giving tone to the System. But in all Cases of Consumption ~~in which~~ induced by an acrid humors falling upon the lungs, or where the System suffers from the Secretion of acrid matter by the lungs, a milk Diet will be proper. The transfusion of the blood of lambs & Calves was once attempted into the Veins of Diseased & old persons. A Change

in the blood may be made by with ta-
-ken taken exclusively that shall impart to
it, the same mild qualities that have been
observed in the blood of the young Animals
that have been mentioned. The milk may
be taken alone - Skimmed - Diluted with
water, or a part of its component parts
viz Whey or Buttermilk according to cir-
-cumstances. ~~Into~~ Where an acid exists
in the Stomach it should be taken with
its oil or Cream. Whey ~~will~~ should be preferred
where it is proper to give it in the in-
-flam.y state of the disease. a little Saltedmeat
or salted fish should be taken with it when
it disorders the Stomach. Sometimes it is
received and digested with most ease by the
Stomach when a little loaf sugar, or
brandy is added to it.

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4 A Diet of Sweet Substances. Ripe grapes Dr Moore says cured the Consumption in France. I think I cured the daughter of the late Revd Mr Hotich by prescribing a Diet of Malaga grapes for her in the lowest state of this disease. Large draughts of the juice of the Sugar maple tree and a Diet of Sweet Ap=ples, alone have cured it in two in=stances in a frontier County in Pennsylvania. A Diet consisting exclusively of bread & butter spread over with Sugar have cured two cases of it in the neighbourhood of Balti=more. Dr Wilkins informs me. Large quantities of molasses with a little Spirit added to it have cured this disease in One of the New England States. It is probable that all our ~~[illegible]~~ Cough medicines do good in Consumptions

only in consequence of their conveying ~~a great~~ quantity of saccharine matter in the system. Perhaps the superior efficacy of ~~asses and~~ women's ~~goats~~ milk in consumption, above cows milk depends upon its containing more saccharine matter. ~~It is remarkable~~ It is remarkable that in the two cases of consumption cured by bread & butter covered with sugar, the patients became fat ~~and~~ in proportion as ~~of~~ the disease left them. Was the fat in this case a vicarious disease? and did it ~~con~~ create a determination from the lungs, to the surface of the body? I have heard of two horses being cured of what is called "broken wind" by being let ~~loose~~ loose in an orchard and feeding for some weeks upon ripe apples. One of them became very fat. Was the cure in this case, the ~~sweet~~ new diet, or the

V Perhaps more benefit might be obtained by applying blisters to the joints. I am induced to suggest this idea from having so often observed a pulm.y Consumption cured or suspended by the Rheumatism. The blisters to the joints would probably act as substitutes for that disease.

VI It was for this reason probably that Zacutus advises issues to be opened in that part of the body. Dupuytren commends Caustics instead of issues, & prefers their application to the shoulders.

new disease
~~but~~ induced by it?

5 Issues to the arms, and Setons in the sides have been employed with success in this disease. They are depleting remedies, and therefore should be employed only in a preternaturally excited state of the system. I have generally preferred to them both, a perpetual blister to the left arm, as discharging more freely, and being less offensive to the Delicacy ~~feeling~~ and prejudices of patients. I have ~~lately~~ heard of several cases of Consumption terminating favourably by large abscesses in the arm pits. Could an artificial Drain be made from those parts by blisters or by any other means, it would probably be more useful than a single Drain by a small blister from the left arm.

6 Many attempts have been made to

cure consumption by the application of cer-
-tain ~~some~~ substances in a gaseous form
to the lungs. the Smoke of Resin, and of resin
and wax, of tar - of the vapor of Ether - of
ardent Spirits - of muriatic gas volatile alkali, and of
Air ~~one~~ with an increase, and with a dimi-
-nution of Oxygen, have all been em-
-ployed for this purpose. They all presup-
-pose the disease to be seated exclusively in
the lungs, and as they ~~have no action~~ act but feebly & transiently upon
the whole system either as stimulants or
sedatives, they have hitherto done but little
service, except now and then pacifying the
cough. I said formerly that the hectic fever
is ~~the effect of the ulcers of~~ nature's destructive substitute for inflam.n in the
tubercles, or ulcers in the lungs. were it possi-
-ble by long persevering in the use of

I think I have seen more than
one, a consumption cured by a pneu=
=mony. Mr Hunter mentions a
case of hectic fever induced by an ulcer
in the leg being suddenly cured by am=
=putating the limb. The remedy here
I believe were the pain of the operati=
=on and the subsequent inflammation
of the wound inflicted by it.

those fumigations, or by employing more active ones to excite inflammation in those tubercles, ~~so as to~~ ulcers; so as to dispose nature to discharge, or to heal them — who knows what might be ~~the~~ their effects in curing the hectic fever, and thereby of curing Consumption? —— I deliver this suggestion with caution. In a disease so ~~deplorable, and so~~ enclosed in ~~such~~ Darkness, ~~generally incurable~~, the smallest ray of light ~~may lead not to open day~~ should be pursued. Where death is certain, ~~uncertain~~ ~~experiments are~~ remedies are not only ~~to~~ innocent, but it is criminal not to employ them. In favor of them, I shall only repeat what much has been said in favor of Digitalis in pulmonary Consumption. It is a powerful and universal stimulant, and acts by ~~lessening~~ lessening the action of the blood vessels, by the diminution of their irritability. Its use should of course be confined wholly to ~~the~~ the inflam. state of

Consumption. In it is in this state only I believe it has ever performed a cure. After the formation of tubercles, Ulcers, or an abscess, it ~~no doubt~~ has given relief, but I believed never cured. When aided by ~~other~~ efficient remedies, it may be employed like opium as a palliative ~~remedy~~ medicine, but it should never be trusted to exclusively in this disease. It owes much of its credit to a belief that fever consists only in a frequent pulse, & that it is to be cured by reducing it to its natural Standard or below it. By the habitual use of it, the functions of the stomach are often impaired, by which means we are deprived of all the benefits we expect from Diet, and the perfect assimilation of it into healthy Chyle and Blood. There is scarcely any one advantage gained by this medicine

that may not be obtained by other remedies that are familiar to us, & that are perfectly safe in this operation.

& A Salivation has lately been employed in this disease and in many instances with success: I think I have seen it succeed in ~~cured~~ the pretty state of consumption, but it ~~is seldom~~ nearly always cures in ~~the~~ its ~~of~~ inflam. state after depletion & before disorganization has taken place in the lungs. It is peculiarly useful in ~~these~~ ~~these~~ cases of ~~of~~ sympathetic consumption from ob-structions in the liver & spleen, ~~which~~ and which frequently succeed the Autumnal fever. of 36 patients who died of consumption who were opened by Dr Proust, one half of them had enlarged spleens, for which reason ~~this is because~~ the salivation should ~~to~~

not be forbidden by a spitting of blood, for this I shall say hereafter is often occasioned by an obstructed spleen. ~~which is~~ Where a salivation does not cure, it generally prepares the cough, fever and night sweats. It should be repeated if necessary, two or three times. Dr Virginia it has lately performed a case After having been five times used without effect. It is because consumption has been generally supposed to consist in a primary disease of the lungs, ~~that~~ the disease has been said to be cured by the suppression only of ~~the cough~~ its symptoms as they appear in the lungs. ~~fever and night sweats~~. ~~The~~ The disease like other chronic diseases consists of three parts, viz: predisposing debility - inflammation, tubercles, ulcers or abscess in the lungs, and ~~fever~~ cough, fever and night sweats. The salivation